

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	753	((coil\$2 anten\$4 induct\$4) with (series resona\$4) with (chuck electrostatic support susceptor holder)).clm.	US-PGPUB; USPAT	OR	ON	2008/04/30 15:45
L2	134	((coil\$2 anten\$4 induct\$4) with (series resona\$4) with (capacitiv\$4 electrostatic\$5) with (chuck electrostatic support susceptor holder)).clm.	US-PGPUB; USPAT	OR	ON	2008/04/30 15:47
L3	97	(plasma and ((coil\$2 anten \$4 induct\$4) with (capacitiv \$4 electrostatic\$5) with (chuck electrostatic support susceptor holder))).clm.	US-PGPUB; USPAT	OR	ON	2008/04/30 15:52
L4	92	3 not 2	US-PGPUB; USPAT	OR	ON	2008/04/30 15:52
S1	9	(118/723I 156/345.48).ccls. and (((substrate wafer object article) near4 (support \$3 hold\$3 chuck susceptor carrier body)) same (series with (coil\$2 anten\$3 radiator)))	US-PGPUB; USPAT	OR	ON	2007/12/17 14:28
S2	12	(118/715-733 156/345.48).ccls. and (((substrate wafer object article) near4 (support \$3 hold\$3 chuck susceptor carrier body)) same (series with (coil\$2 anten\$3 radiator)))	US-PGPUB; USPAT	OR	ON	2007/12/16 18:48
S3	4	S2 not S1	US-PGPUB; USPAT	OR	ON	2007/12/16 18:48
S4	9	(118/723I 156/345.48).ccls. and (((substrate wafer object article) near4 (support \$3 hold\$3 chuck susceptor carrier body)) same (series with (coil\$2 anten\$3 radiator)))	US-PGPUB; USPAT	OR	ON	2007/12/16 18:50
S5	97	(plasma discharge ioniz\$5) and (((substrate wafer object article) near4 (support \$3 hold\$3 chuck susceptor carrier body)) same (series with (coil\$2 anten\$3 radiator)))	US-PGPUB; USPAT	OR	ON	2007/12/16 19:15

S6	63	\$5 and @ad<"20031119"	US-PGPUB; USPAT	OR	ON	2007/12/17 14:53
S7	5	(plasma discharge ioniz\$5) and (((substrate wafer object article) near4 (support \$3 hold\$3 chuck susceptor carrier body)) same (series with ((coil\$2 anten\$3 radiator)))	EPO; JPO; DERWENT	OR	ON	2007/12/16 19:17
S8	56	((Inductive\$4 near7 (plasma discharge ioniz\$5)) same ((anten\$4 coil\$2 radiator) with ((internal\$4 inside inner) near6 (chamber housing reactor)))	EPO; JPO; DERWENT	OR	ON	2007/12/16 19:32
S9	44	S8 and @ad<"20031119"	EPO; JPO; DERWENT	OR	ON	2007/12/16 19:20
S10	262	((Inductive\$4 near7 (plasma discharge ioniz\$5)) same ((anten\$4 coil\$2 radiator) with ((internal\$4 inside inner) near6 (chamber housing reactor)))	US-PGPUB; USPAT	OR	ON	2007/12/16 22:55
S11	175	S10 and @ad<"20031119"	US-PGPUB; USPAT	OR	ON	2007/12/16 20:31
S12	69	S11 and series	US-PGPUB; USPAT	OR	ON	2007/12/16 19:33
S13	73	("4123316"   "4261762"   "4350578"   "4368092"   "4371412"   "4427516"   "4427762"   "4430547"   "4457359"   "4512391"   "4565601"   "4572759"   "4579080"   "4711698"   "4755345"   "4756810"   "4786352"   "4786359"   "4793897"   "4793945"   "4795529"   "4807016"   "4810935"   "4828369"   "4842683"   "4844775"   "4849675"   "4859908"   "4870245"   "4918031"   "4948458"   "4948750"   "4990229"   "5000113"   "5006220"   "5015330"   "5074456"   "5085727"   "5122251"   "5169487"   "5173412"   "5187454"   "5203956"   "5210466"   "5226154"   "5241245"   "5249251"   "5258824"   "5276693"   "5277751"   "5326404"   "5346578"   "5349313"   "5392018"	US-PGPUB; USPAT; USOOR	OR	ON	2007/12/16 20:30

		"5399237"   "5401350"   "5414246"   "5421891"   "5423945"   "5449432"   "5468341"   "5477975"   "5529657"   "5556501"   "5599396"   "5607542"   "5779849"   "5824605"   "5935373"   "6077384"   "6136140").PN. OR ("6623596").URPN.				
S14	72	S13 and @ad<"20031119"	US-PPGPUB; USPAT	OR	ON	2007/12/16 20:31
S15	2	S14 and ((inductive\$4 near7 (plasma discharge ioniz\$5)) same (((antenn\$4 coil\$2 radiator) with ((internal\$4 inside inner) near6 (chamber housing reactor)))	US-PPGPUB; USPAT	OR	ON	2007/12/16 20:45
S16	1	"20050103444"	US-PPGPUB; USPAT	OR	ON	2007/12/16 22:34
S17	1	"6210539".pn.	US-PPGPUB; USPAT	OR	ON	2007/12/16 22:54
S18	79	("3730867"   "4336118"   "4361472"   "4362632"   "4422896"   "4626312"   "4661228"   "4716491"   "4792732"   "4842703"   "4844775"   "4865712"   "4871421"   "4918031"   "4925542"   "4941915"   "4948458"   "4990229"   "4999096"   "5065698"   "5091049"   "5102496"   "5122251"   "5135629"   "5135634"   "5146137"   "5175608"   "5178739"   "5198725"   "5206516"   "5225740"   "5231334"   "5234560"   "5241245"   "5280154"   "5304279"   "5312717"   "5346578"   "5361016"   "5366590"   "5368685"   "5397962"   "5401350"   "5404079"   "5418431"   "5421891"   "5429070"   "5429710"   "5429995"   "5430355"   "5433812"   "5434353"   "5437757"   "5464476"   "5503676"   "5525159"   "5556501"   "5573595"   "5587038"   "5639357"   "5650032"   "5669975"   "5683537"   "5690781"   "5707498"   "5721021"	US-PPGPUB; USPAT; USOOR	OR	ON	2007/12/16 22:55

		["5763851"   "5770098"   "5783492"   "5795429"   "5810931"   "5851600"   "5874704").PN. OR ("6210539").URPN.				
S19	3	\$18 and ((Inductive\$4 near7 (plasma discharge ioniz\$5)) same ((anten\$4 coil\$2 radiator) with ((internal\$4 inside inner) near6 (chamber housing reactor))))	US-PGPUB; USPAT	OR	ON	2007/12/16 22:56
S20	47	("3594295"   "3595773"   "4999096"   "5178739"   "5232571"   "5380414"   "5382339"   "5431799"   "5460707").PN. OR ("5707498").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/12/16 23:13
S21	1	"5513765".pn.	US-PGPUB; USPAT; USOOR	OR	ON	2007/12/16 23:13
S22	17	("4371412"   "4844775"   "4948458"   "5234529"   "5241245"   "5277751"   "5304282"   "5350479").PN. OR ("5513765").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/12/16 23:53
S23	1	"6471830".pn.	US-PGPUB; USPAT; USOOR	OR	ON	2007/12/16 23:53
S24	157	(118/7231 156/345.48).ccls. and (((substrate wafer object article) near4 (support \$3 hold\$3 chuck susceptor carrier body)) same (circuit connected) with (coil\$2 anten\$3 radiator))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:58
S25	142	S24 and @ad<"20031119"	US-PGPUB; USPAT	OR	ON	2007/12/17 09:13
S26	0	(118/7231 156/345.48).ccls. and (((substrate wafer object article) with ((ESC electrostatic) near7 (support \$3 hold\$3 chuck susceptor carrier body)) same ((circuit connected) with (coil \$2 anten\$3 radiator) with (inner internal inside)))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:52

S27	1	((118/715-733 156/345.8\$).cds. and (((substrate wafer object article) with ((ESC electrostatic) near7 (support \$3 hold\$3 chuck susceptor carrier body))) same ((circuit connected) with (coil \$2 anten\$3 radiator) with (inner internal inside)))	US-PGPUB; USPAT	OR	ON	2007/12/17 08:50
S28	0	315/111.8\$2.cds. and (((substrate wafer object article) with ((ESC electrostatic) near7 (support \$3 hold\$3 chuck susceptor carrier body))) same ((circuit connected) with (coil \$2 anten\$3 radiator) with (inner internal inside)))	US-PGPUB; USPAT	OR	ON	2007/12/17 08:51
S29	5	(plasma discharge ioniz\$5) and (((substrate wafer object article) with ((ESC electrostatic) near7 (support \$3 hold\$3 chuck susceptor carrier body))) same ((circuit connected) with (coil \$2 anten\$3 radiator) with (inner internal inside)))	US-PGPUB; USPAT	OR	ON	2007/12/17 08:53
S30	10	(plasma discharge ioniz\$5) and (((substrate wafer object article) with ((ESC electrostatic) near7 (support \$3 hold\$3 chuck susceptor carrier body))) with ((circuit connected) with (coil\$2 anten\$3 radiator)))	US-PGPUB; USPAT	OR	ON	2007/12/17 08:54
S31	6	((118/7231 156/345.48).cds. and ((ESC electrostatic) with (circuit connected series) with (coil\$2 anten\$3 radiator) with (inner internal inside)))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:59
S32	9	((118/7231 156/345.48).cds. and ((ESC electrostatic) with (circuit connected series) with (coil\$2 anten\$3 radiator) and ((coil\$2 anten\$4 radiator) near7 (inner internal inside)))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:09
S33	3	S32 not S31	US-PGPUB; USPAT	OR	ON	2007/12/17 08:59

S34	1	((118/715-733 156/345.\$2).ccls. and ((ESC or (electrostatic adj chuck)) with (circuit connected series) with (coil\$2 anten\$3 radiator) and ((coil\$2 anten\$4 radiator) near7 (inner internal inside)))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:06
S35	2	((315/111.52 "216"/\$ "427"/ \$ "438"/\$).ccls. and ((ESC or (electrostatic adj chuck)) with (circuit connected series) with (coil\$2 anten\$3 radiator) and ((coil\$2 anten\$4 radiator) near7 (inner internal inside)))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:04
S36	13	((ESC or (electrostatic adj chuck)) with (circuit connected series) with (coil \$2 anten\$3 radiator) and ((coil\$2 anten\$4 radiator) near7 (inner internal inside)))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:05
S37	8	((118/715-733 156/345.\$2).ccls. and ((ESC or (electrostatic adj chuck)) with (circuit connected series) with (coil\$2 anten\$3 radiator)))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:06
S38	0	((118/723 R,723AN).ccls. and ((ESC or (electrostatic adj chuck)) with (circuit connected series) with (coil \$2 anten\$3 radiator)))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:10
S39	12	((118/728-730 156/345.51-345.55).ccls. and ((ESC or (electrostatic adj chuck)) with (circuit connected series) with (coil\$2 anten\$3 radiator)))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:10
S40	206	((118/723I 156/345.48).ccls. and ((ESC or (electrostatic adj chuck)) and ((capacitive \$3 electrostatic\$4) near6 (plasma coupl(\$3))))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:45
S41	159	S40 and @ad-<"20031119"	US-PGPUB; USPAT	OR	ON	2007/12/17 09:54
S42	34	315/111.51.ccls. and ((ESC or (electrostatic adj chuck)) and ((capacitive\$3 electrostatic\$4) near6 (plasma coupl(\$3))))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:45

S43	33	S42 and @ad< "20031119"	US-PGPUB; USPAT	OR	ON	2007/12/17 09:45
S44	136	S41 not S43	US-PGPUB; USPAT	OR	ON	2007/12/17 09:45
S45	10	S43 not S41	US-PGPUB; USPAT	OR	ON	2007/12/17 09:47
S46	1	"20050103444"	US-PGPUB; USPAT	OR	ON	2007/12/17 09:48
S47	0	(hybrid near4 plasma) and (((substrate wafer object article) with ((ESC electrostatic) near7 (support \$3 hold\$3 chuck susceptor carrier body))) same ((circuit connected) with (coil \$2 anten\$3 radiator) with (inner internal inside)))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:53
S48	13	(hybrid near4 plasma) and (((substrate wafer object article) with ((ESC or (electrostatic adj chuck)) near7 (supports3 hold\$3 chuck susceptor carrier body)))	US-PGPUB; USPAT	OR	ON	2007/12/17 09:54
S49	11	S48 and @ad< "20031119"	US-PGPUB; USPAT	OR	ON	2007/12/17 09:54
S50	0	(118/723I 156/345.48).cls. and ((ESC electrostatic) with (circuit connected series) with (magnet\$3 with (inner internal inside)))	US-PGPUB; USPAT	OR	ON	2007/12/17 10:00
S51	1	(118/723I 156/345.48).cls. and ((ESC electrostatic) same (circuit connected series) same (magnet\$3 with (inner internal inside)))	US-PGPUB; USPAT	OR	ON	2007/12/17 10:00
S52	1	"6471830".pn.	US-PGPUB; USPAT	OR	ON	2007/12/17 10:23
S53	1	"6471830".pn.	US-PGPUB; USPAT	OR	ON	2007/12/17 14:51
S54	189	(shield near7 (slot\$3 faraday)) and (118/723I 156/345.48).cls.	US-PGPUB; USPAT	OR	ON	2007/12/17 14:52
S55	32	(shield near7 (slot\$3 with faraday)) and (118/723I 156/345.48).cls.	US-PGPUB; USPAT	OR	ON	2007/12/17 16:28
S56	26	S55 and @ad< "20031119"	US-PGPUB; USPAT	OR	ON	2007/12/17 16:29
S57	206	(shield near4 faraday) with (inductive\$4 near4 coupl\$3)	US-PGPUB; USPAT	OR	ON	2007/12/17 16:28

S58	120	S57 and @ad<"20031119"	US-PGPUB; USPAT	OR	ON	2007/12/17 16:29
S59	2922	(coil\$2 anten\$4 induct\$4) with (series resonan\$4) with (chuck electrostatic support susceptor holder)	US-PGPUB; USPAT	OR	ON	2008/04/28 17:02
S60	1169	118/723I.cds. 156/345.48. cds.	US-PGPUB; USPAT	OR	ON	2008/04/28 17:03
S61	28	S59 and S60	US-PGPUB; USPAT	OR	ON	2008/04/28 17:03
S62	13	S61 and @ad<"20021119"	US-PGPUB; USPAT	OR	ON	2008/04/28 17:03
S63	17935	118/715-733.ccls. 156/345. \$2.cds.	US-PGPUB; USPAT	OR	ON	2008/04/28 17:11
S64	11119	S63 and @ad<"20021119"	US-PGPUB; USPAT	OR	ON	2008/04/28 17:11
S65	60	S59 and S64	US-PGPUB; USPAT	OR	ON	2008/04/28 17:12
S66	47	S65 not S62	US-PGPUB; USPAT	OR	ON	2008/04/28 17:12
S67	129	((substrate wafer) adj (support holder)) or chuck or susceptor) with (capacitive\$4 electrostatic \$4) near4 (coupl\$4 connect \$4) with (anten\$4 coil\$3 induct\$5)	US-PGPUB; USPAT	OR	ON	2008/04/28 17:19
S68	62	S67 and @ad<"20021119"	US-PGPUB; USPAT	OR	ON	2008/04/28 17:19
S69	495	S60 and ((capacitive\$4 electrostatic\$4) near4 (coupl \$4 connect\$4) with (anten \$4 coil\$3 induct\$5))	US-PGPUB; USPAT	OR	ON	2008/04/28 18:01
S70	362	S69 and @ad<"20021119"	US-PGPUB; USPAT	OR	ON	2008/04/28 18:01
S71	76	("4810935"   "4828369"   "4844775"   "4948458"   "5078851"   "5122251"   "5280154"   "5401350").PN. OR ("5531834").URPN	US-PGPUB; USPAT; USOOR	OR	ON	2008/04/29 10:03
S72	69	S71 and @ad<"20031119"	US-PGPUB; USPAT; USOOR	OR	ON	2008/04/29 10:04
S73	39	S72 and ((anten\$4 coil\$3) same (electrostatic\$5 capacit \$5))	US-PGPUB; USPAT; USOOR	OR	ON	2008/04/29 10:04
S74	1	"5710486".pn.	US-PGPUB; USPAT	OR	ON	2008/04/29 10:45

4/30/2008 4:19:32 PM

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